

Converting Colors

`RYB(192, 190, 119)`

Have a look what the booklet for
RYB(192, 190, 119) contains.

RYB(192, 190, 119)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(192, 190, 119)

Conversions

Conversions Part 1

Format	Color
Hex	C09B77
RGB	192, 155, 119
RGB Percent	75%, 61%, 47%
CMY	0.2471, 0.3922, 0.5333
CMYK	0.00, 0.19, 0.38, 0.25
HSL	30°, 37%, 61%
HSV	30°, 38%, 75%
XYZ	36.7882, 35.9788, 22.4584
YIQ	161.9590, 33.6080, -3.3520

Conversions

Conversions Part 2

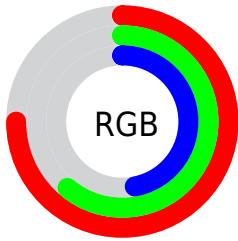
Format	Color
RYB	192, 190, 119
Decimal	12622711
CIELab	66.50, 8.77, 24.08
CIELCh	67, 25.625, 69.997
Yxy	35.9788, 0.3863, 0.3778
Android (android.graphics.Color)	4290812791 (0xFFC09B77)
YUV	161.9590, -21.1788, 26.3460
Hunter-Lab	59.9823, 4.5082, 19.7884

Details

The RYB color **192, 190, 119** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **119, 144, 192**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **250, 244, 171**, and **135, 137, 70** is the 20% darker color. If you saturate the color by 10%, you get **192, 188, 100**, and if you desaturate by 10%, it is **192, 192, 138**.

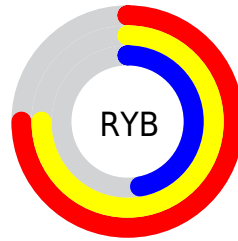
Distribution



Red (75%)

Green (61%)

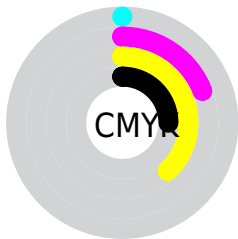
Blue (47%)



Red (75%)

Yellow (75%)

Blue (47%)

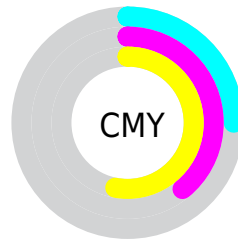


Cyan (0%)

Magenta (19%)

Yellow (38%)

Black (25%)



Cyan (25%)


Magenta (39%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 190, 119 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 192, 190, 119 by changing the saturation by 10% instead.


 192, 190, 119

255, 255, 255


 250, 244, 171

 223, 255, 199

 227, 255, 227

 192, 190, 119

 164, 164, 94

 135, 137, 70

 107, 111, 47


 79, 85, 26

 45, 61, 0


 37, 25, 0


 0, 0, 0

 192, 190, 119

 192, 188, 100

 192, 190, 119


 192, 192, 138


 192, 190, 81

 192, 190, 157

 192, 190, 61

 192, 190, 177

 192, 188, 42

 192, 193, 196

 192, 186, 23

 192, 200, 215

 192, 188, 4

 192, 206, 234

 192, 188, 0

 192, 213, 253

 192, 217, 255

 192, 220, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



206, 152, 133



192, 190, 119



125, 171, 116

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



192, 190, 119



98, 138, 175



175, 153, 197

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



192, 190, 119



119, 144, 192

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



144, 157, 207



192, 190, 119



93, 137, 190

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



192, 190, 119



119, 155, 173



112, 147, 204



198, 147, 178

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



192, 190, 119



121, 167, 134



112, 147, 204



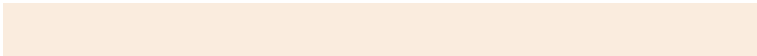
165, 156, 202

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



192, 190, 119



250, 250, 222



192, 119, 157



125, 125, 109



252, 252, 252



125, 125, 125

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



192, 190, 119



250, 248, 135



120, 192, 119



97, 97, 87



161, 155, 0



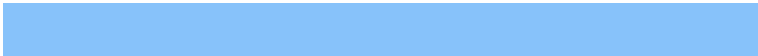
33, 31, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



119, 144, 192



135, 174, 250



119, 120, 192



87, 90, 97



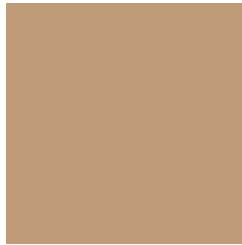
0, 54, 161



0, 11, 33

Previews

White Background



This preview shows how the RYB color 192, 190, 119 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 192, 190, 119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

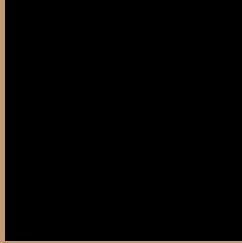
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 192, 190, 119 Background



This preview shows how black text looks on a background with the RYB color 192, 190, 119.



This preview shows how white text looks on a background with the RYB color 192, 190, 119.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
192, 190, 119

Protanopia
136, 173, 122

Deuteranopia
192, 190, 119



Tritanopia
196, 149, 161

Trichromacy



Original Color

192, 190, 119

Protanomaly

154, 180, 121

Deuteranomaly

192, 190, 119

Tritanomaly

195, 152, 146

Monochromacy



Original Color

192, 190, 119

Achromatopsia

162, 162, 162

Achromatomaly

173, 171, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 190, 119 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(192, 155, 119)` looks like.

```
.text, #text, p{  
    color:rgb(192, 155, 119)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(192, 155, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 155, 119) }
```

Border

The CSS property to change the border of an element to RYB 192, 190, 119 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 155, 119) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(192, 155, 119) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(192, 155, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 155, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 155, 119);  
box-shadow:4px 4px 4px 4px rgb(192, 155,  
119) }
```

Background

The CSS property to change the background color of an element to RYB 192, 190, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 155, 119) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(192,  
155, 119) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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